

## Background Note

### Environment & Forests

Jammu and Kashmir has a total forest cover of 20230 Sq km (20.23 lakh hectares) accounting for 19.95% of the total Geographical area of 101387 Sq km on this side of line of control. All India figures indicate a percentage of 24.47% geographical area under forests. Out of the total forest area of 20230 Sq km, the area under reserved forests is 2551 Sq km, protected forest is 15912 Sq km and the rest is unclassified.

Out of the total forest area, 12066 Sq km are in Jammu Region, followed by Kashmir Region with 8128 Sq km and Ladakh Region with only 36 Sq km. Kashmir Region has 50.97%, Jammu Region has 45.89%, while Ladakh Region has 0.11% area under forest cover. The table depicts the position of the total Geographical area under forest.

Forests cover 48 percent of the total geographical area of the State (excluding Ladakh region) which is above the national average of 24.47 percent.

Region wise Forest cover ( Area in Sq Km)			
Region	Total Geographical Area	Forest Area	Percentage of total geographical area
Kashmir	15948	8128	50.97
Jammu	26293	12066	45.89
Leh	45110	29	0.06
Kargil	14036	7	0.05
Total	101387*	20230	19.95
*indicates geographical area on this side of actual line of control. These area figures exclude 120849 Sq km under illegal occupation of China and Pakistan			

Source: Digest of Statistics

### Species wise Forest Cover

Out of 20230 Sq Km, Forest Cover, an area of 1075 Sq km is under Deodar constituting 5.31% of the total forest area. 1825 Sq km are under Chir having 9.02% share, 1969 Sq km are under Kail which accounts for 9.74%, 3401 Sq km are under Fir, representing 16.81%. Largest area of 10075 Sq km falls under other categories having a share of 49.8%. Thus, 18342 Sq km are under coniferous (Soft wood). Non coniferous (hard wood) covers 1885 Sq km claiming 9.32% of total forest area. The State Government has so far notified 15912 Sq Km under the Protection Area Network (PAN) which is 15.59% of the total geographical area of the State comprising 5 National Parks, 14 Wildlife Sanctuaries and 35 Conservation Reserves. The Protected Areas (PA's) includes 2762 Sq Km (12.76% of the forest area, out of 20230 Sq Km of total forest area) and the remaining area of 13150 Sq Km is High Altitude Cold Desert Area of Ladakh.

Table No 4.25 : Specie-wise Forest Area			
S.No	Classification	Area Sq km	%age of Total
(i)	Coniferous (Soft Wood)		
	a)Deodar	1075	5.31
	b) Chir	1825	9.02
	c) Kail	1969	9.74
	d) Fir	3401	16.81
	e)Others	10075	49.80
	Total Coniferous	18342	90.68
(ii)	Non Coniferous (Hard Wood)		
	Un-commercial	1885	9.32
Total Coniferous & Non Coniferous (i & ii)		20230	100
	Rakhs & Wild life	15912	

Source: DFO Forest Statistics Division J&K/  
PCCF Chief Wildlife Warden

## Out Turn of Forest produce

- a) The year-wise out-turn of major and minor Forest Produce for the year 2016-17 and 2017-18 as on ending 10/2017, is given as under:

S. No	Year	Total Extraction	
		Timber in lakh Cfts SFC	Fire wood (Qtls) Forest Territorial
	2016-17	10.31	102095.79
	2017-18 ending 10/2017)	5.93	57743.71

## b) Supply of Firewood (SFC)

Statement showing year wise details of auction , sale , CTSD , Fair price , Firewood , Leh Sale during 2016-17 and 2017-18 ( upto 10/2017 ) .

Particulars	Region	Year			
		2016-17		2017-18	
		Volume (in Lakh cft/Qtls)	Value (in Lakh rupees)	Volume (in Lakh cft/Qtls)	Value (in Lakh rupees)
Auction Sale	Jammu	8.437	5005.904	3.726	2434.496
	Kashmir	11.058	6497.262	9.652	5257.941
	<b>Total</b>	<b>19.495</b>	<b>11503.166</b>	<b>13.378</b>	<b>7692.437</b>
CTSD Sale	Jammu	1.175	451.984	1.628	526.026
	Kashmir	6.076	1791.643	5.245	1746.301
	<b>Total</b>	<b>7.251</b>	<b>2243.627</b>	<b>6.873</b>	<b>2272.327</b>
Fair Price/ Flood victims	Jammu	0.021	32.186	0.011	16.637
	Kashmir	0.239	201.265	0.155	143.077
	<b>Total</b>	<b>0.260</b>	<b>233.451</b>	<b>0.166</b>	<b>159.714</b>
Fire Wood (in lac Qtls)	Jammu	0	0	0	0
	Kashmir	0.497	130.455	0.302	97.890
	<b>Total</b>	<b>0.497</b>	<b>130.455</b>	<b>0.302</b>	<b>97.890</b>
Leh Sale	Leh	<b>0.054</b>	<b>41.499</b>	<b>0.041</b>	<b>11.371</b>
<b>G. Total</b>		<b>27.060</b>	<b>14021.743</b>	<b>20.458</b>	<b>10135.849</b>

## Export of Forest Produce

The export of timber has increased from 25.10 thousand cubic meters in 2000-01 to 30.70 thousand cubic meters in 2007-08 showing a net increase of 22.31%. During 1990-91, the state was exporting timber to the extent of 53.39 thousand cubic meters. After 2007-08, Hon'ble Supreme Court of India has banned export of timber out side state.

Year	Deodar	Kail	Fir	Chir	Total
2000-01	5.60	11.65	7.85	-	25.10
2001-02	2.40	8.00	1.06	-	11.46
2002-03	2.86	6.80	1.92	-	11.58
2004-05	0.46	4.29	0.12	-	4.87
2006-07	1.00	1.74	0.37	-	3.11
2007-08	10.17	3.81	1.37	15.35	30.70
Banned by Hon'ble Supreme Court					

### **Extraction and Sale of Oleo Resin**

The details of resin extracted and sold for the year 2016-17 and 2017-18 ending 10/2017 are given as under.

<b>Table No 4.28 Detail of Resin extracted</b>			
<b>Year</b>	<b>No. Of Blazes</b>	<b>Resin Extracted (in MTs)</b>	<b>Resin Sold (in MT)</b>
2016-17	196020	600.00	-
2017-18 (10/2017)	-	-	-

### **Compensatory Afforestation Management and Planning (CAMPA)**

Under the provisions of J&K (Forest Conservation) Act 1997, the Forest Department has to regulate the indiscriminate diversion of Forest Lands for non forestry purposes so as to maintain ecological balance between the developmental needs of the state and the conservation of natural resources. When any land is permitted to be diverted for a non-forest use, cost of compensation in terms of Net Present Value, Compensatory Afforestation (CA) and other restoration activities are paid by the user agency. All these resources are at present being collected as CAMPA fund. In order to manage the Compensatory Afforestation, the State has constituted State CAMPA under SRO-354 providing for three tier regulation of activities. The Physical / Financial achievements during the 2016-17 and 2017-18 as per details given below:-

<b>Year</b>	<b>Area treated (HA)</b>	<b>Expenditure (Rs. in lakh)</b>	<b>Plantation (in lakh Nos)</b>
2016-17	4636.92	5208.93	30.39
2017-18 ending 10/2017	1685.19	2159.25	4.97

### **Revenue generated**

The details of Revenue generated during 2016-17 and 2017-18, ending October, 2017 is given as under:-

**Table 4.29**

<b>S.No.</b>	<b>Year</b>	<b>Revenue generated (Rs. in lakh)</b>			
		<b>Forest</b>	<b>Social Forestry</b>	<b>Soil Conservation</b>	<b>Total</b>
1	2016-17	660.01	14.58	5.39	679.98
2	2017-18 (ending 10/2017)	390.41	5.44	0.28	396.13

The Year wise details of Area Covered / Plant planted and distributed / Expenditure incurred during 2016-17 and 2017-18 ending 10/2017 are indicated below:-

**4.30 Year wise details of area covered / plant planted and distributed / expenditure incurred**

S.No	Period	Area covered	Plants planted	Plants distribution	Expenditure (Rs in lakh)		
		(in Ha)	(in lakh)	(Out of col No 4)	Revenue	Capital	Total
1	2016-17	3457	34.747	7.64	43147.43	1842.31	44989.74
2.	2017-18 (ending 10/2017)	1461	6.81	0.49	23058.98	364.06	23423.04

The details of Timber imported from outside the state during 2016-17 and 2017-18 ending 10/2017 are given here as under:-

S.No.	Year	Timber Imported (lakh Cfts)
1	2016-17	85.46
2	2017-18(ending 10/2017)	63.61

**Supply of timber through Forest Department:-**

Timber supplied to general public and for other purpose from forest sale depot as well as from Forests is given as under:-

(Vol. in Lakh Cfts)

Year	Kashmir Region		Jammu Region		Total
	Timber supplied through TSD	Timber Supplied through Kashmir Forest Notice	Timber supplied through TSD	Timber Supplied through Jammu Forest Notice	
2017-18	4.251	0.25	1.976	2.74	<b>9.22</b>

**Table No: 4.33:** Region-wise supply of firewood for winter months during 2016-17 and 2017-18.

(in Qtls)

S.No	Region	Year		Remarks
		2016-17	2017-18	
01.	Kashmir	56319	38565	
02.	Jammu	20889.67	11673.39	
03.	Leh	54000	41000	